

WHAT IS CLAIMED IS:

1. A mold for injection molding of a disc substrate comprising:

a pair of mold bodies which are disposed in a manner that  
5 circular-shaped mold forming surfaces thereof are opposed to each other to form a disc-shaped mold space therebetween,

a conduction member which is fitted to one of said pair of mold bodies so as to communicate with outside through a conduction path for conducting molten molding material  
10 injected from the side into said disc-shaped mold space, and

a first heat suppressing member for suppressing heat within said conduction path from being transmitted to said one of said pair of mold bodies disposed between said conduction member and said one of said pair of mold bodies fitted to said  
15 conduction member.

2. The mold for injection molding of a disc substrate according to claim 1, further comprising:

a second heat suppressing member at a position opposing  
20 to said first heat suppressing member on other mold body side of said pair of mold bodies.

3. A mold for injection molding of a disc substrate comprising:

a pair of mold bodies which are disposed in a manner that circular-shaped mold forming surfaces thereof are opposed to

5 each other to form a disc-shaped mold space therebetween,

a conduction means which is fitted to one of said pair of mold bodies so as to communicate with outside through a conduction path for conducting molten molding material injected from the side into said disc-shaped mold space, and

10 a first heat suppressing means for suppressing heat within said conduction path from being transmitted to said one of said pair of mold bodies disposed between said conduction means and said one of said pair of mold bodies fitted to said conduction means.

15 4. The mold for injection molding of a disc substrate according to claim 3, further comprising:

a second heat suppressing means at a position opposing to said first heat suppressing means on other mold body side of  
20 said pair of mold bodies.

5. A mold for injection molding of a disc substrate comprising:

a pair of mold bodies which are disposed in a manner that circular-shaped mold forming surfaces thereof are opposed to each other to form a disc-shaped mold space therebetween,

5 a conduction member which is fitted to one of said pair of mold bodies so as to communicate with outside through a conduction path for conducting molten molding material injected from the side into said disc-shaped mold space, wherein

10 said mold is provided with a molding space for suppressing heat within said conduction path from being transmitted to said one of said pair of mold bodies disposed at a portion of one of said pair of mold bodies side opposing to said conduction member.

15 6. The mold for injection molding of a disc substrate according to claim 5, wherein

said molding space has almost the same volume as said conduction member.